

### DISPLAY

#### AVAILABLE COLORS



White



Silver



Black



### KEY FEATURES

- Outdoor-Safe, built for permanent outdoor installation (partial sun applications). Indoor TV manufacturers specifically prohibit outdoor use (just check the manual). Don't risk safety and your warranty by using an indoor TV outdoors.
- Commercial-grade 4K UHD high-brightness (700 NIT) screen with direct LED backlight and anti-glare technology delivers ultra-bright, dramatic picture detail with 4 times the resolution of Full HD
- Up to 3 times brighter than indoor TVs, for improved viewing in brighter outdoor environments
- Built-in HDBaseT receiver with IR repeater - A clean, affordable option for receiving up to 4K UHD resolution video, power, and control
- OptiView™ Day and Night modes - optimized picture quality settings preconfigured for the ultimate outdoor viewing experience with a single touch
- Supports HDMI 2.0 and HDCP 2.2 to ensure compatibility with the latest 4K sources and streaming services.
- Powder-coated rust-proof aluminum exterior protects internal components from rain, snow, dust, insects, humidity, and salt air
- Innovative weather-tight Cable Entry System seals out moisture and allows for easy hook-ups
- Large media bay with plenty of room for many popular media players, cables, baluns, and extenders.
- Media bay power ports power media players without the need for external cords (5v@3.5amps / 12v@3amps)
- RS232 serial control with discrete on, off, and input control for additional control integration
- Dispersive temperature regulation system allows operation in low temperatures from -24°F and high temperatures up to 122°F (Storage temperature from -24°F up to 140°F).
- Rear IR receiver in media bay keeps IR emitter hidden & protected
- 2 HDMI inputs provide multiple connectivity options
- Weatherproof remote control. Leave it outdoors. Conveniently ready when you need it.
- Remote control Lock-out prevents unauthorized users from changing programming
- Optional weatherproof speaker bar (not included) for the flexibility to add basic or advanced audio
- Optional Outdoor Dust Cover (not included)

<p><b>SCREEN</b></p>	<p>SCREEN 55-inch Diagonal Color Active Matrix TFT LED</p> <p>RESOLUTION 3840 x 2160 UHD</p> <p>ASPECT RATIO 16:9</p> <p>CONTRAST RATIO 4000:1</p>	<p>FRAME RATE 60 Hz</p> <p>VIEWING ANGLE 178° x 178°</p> <p>RESPONSE TIME 6.5 milliseconds</p> <p>TV FORMATS 2160p, 1080p, 1080i, 720p, 720i, 480p, 480i</p>
<p><b>CONNECTIONS</b></p>	<p>RF Antenna/CATV (ATSC/QAM/NTSC) x1</p> <p>HDMI HDMI™ Input x2 (HDMI 1.4, HDMI 2.0, HDCP 2.2) 3840 x 2160 @ 60hz</p> <p>VIDEO COMPOSITE Composite Video x1, L/R Audio Inputs x1</p> <p>VIDEO COMPONENT YPbPr plus Stereo Audio x2</p> <p>RGB INPUT VGA DB15hd (upto 1920x1080)</p>	<p>HDBASE-T INPUT up to 4k 3840 x 2160 @ 30hz</p> <p>CONTROL SET Concealed Rear IR Window</p> <p>AUDIO OUT Digital TosLink Optical Audio(fixed) RCA L+R (variable)</p> <p>SPEAKERS Optional 20 WATT speaker bar (Not Included)</p> <p>INPUT POWER 100-240 VAC, 50-60 Hz 2.8 A Max (245 Watts/2.1a@120v)</p>
<p><b>TEMPERATURE TOLERANCES</b></p>	<p>OPERATING TEMP -24° to 122° F. (-31° to 50°C.)</p> <p>NON-OP. TEMP -24° to 140° F. (-31° to 60°C.)</p>	
<p><b>PHYSICAL SPECS</b></p>	<p>ACCESSORIES INCLUDED Weatherproof remote control</p> <p>EXTERIOR Powder-coated aluminum</p> <p>EXTERIOR COLORS White, Silver and Black</p> <p>TV DIMENSIONS 50.5" W x 29.75" H x 3.77" D (1285mm W x 755mm H x 96mm D)</p> <p>TV WEIGHT 68.5 lbs (31 kgs)</p>	<p>VESA MOUNT PATTERN 400mm x 400mm</p> <p>SHIPPING DIMENSIONS 58" W x 41" H x 9" D (PRELIMINARY)</p> <p>SHIPPING WEIGHT 82 lbs</p> <p>RESIDENTIAL WARRANTY 2 Year Parts and Labor</p> <p>COMMERCIAL WARRANTY 2 Year Parts and Labor</p>

# Specifications

LCD Screen	55-inch diagonal Color Active Matrix TFT LED LCD
Resolution	3840 x 2160 UHD 4k
Aspect Ratio	16:9
Backlight Brightness - Surface Luminance, white	700 nits (cd/m <sup>2</sup> )
Contrast Ratio	3000:1
Viewing Angle	178° x 178°
Response Time	8 milliseconds
TV formats	2160p*, 1080p, 1080i, 720p, 720i, 480p, 480i * using hdmi only
Input Connectors:	
Tuner	Antenna/CATV (ATSC/QAM/NTSC) x1
HDMI	HDMI Input x 2 (supports HDMI 2.0, HDCP 2.2, HDMI 1.4 & HDCP 1.4a)
Video Composite	Composite Video, L/R Audio Inputs x1
Video Component	YPbPr plus Stereo Audio x2
PC	15-pin D-sub VGA plus Stereo Audio
HDBase-T	Single Cat5e/Cat 6 cable*  *refer to detailed data sheet for supported resolutions, refresh, color depth and Cat5e/Cat 6 cable lengths.
Control Set	RS232 Serial, Discrete IR Control, Concealed rear IR Window
Audio Out	Digital SPDIF x 1 (fixed) Analog 1/8" headphone jack (variable)
Accessory DC Power Out	5vdc @ 3.5amps 1.3mm power jack or usb type A jack 12vdc @ 3amps 2.5mm power jack
Speaker Output	20-watt(10w x 2) Does not have internal speakers. Optional Speaker Bar not included.
Exterior	Powder-coated aluminum
Colors	Silver, Black and White
Input Power	100-240 VAC, 50-60 Hz 7a Max (6a @ 120VAC)
Operating Temp.	-40° to 122° F. (-40° to 50° C.) *
Non-op. Temp. (Off-mode with power applied)	-40° to 140° F. (-40° to 60° C.) The non-operating temperature feature requires power to be applied
Accessories Included	Water-resistant remote control
Dimensions	50.5in W x 29.75in H x 3.8in D 1285mm W x 755mm H x 96mm D
Weight	68.5lbs 31kg
Residential Warranty	Two year, in-factory, parts and labor
Commercial Warranty	Two year, in-factory, parts and labor
Mount Pattern	400 mm x 400 mm

## Model SB-S-55-4K Signature+ Dimensions

